

- J. D. I. Raleigh, six in July and August, 1914 to 1916, C. S. B.
Celithemis ornata Rambur. Pine Bluff, June, July, 1914, J. D. I.
White Lake, early June, 1915, F. S.
Erythrodiplax minuscula Rambur. Raleigh, June 18, 1908, August
3, 1915, C. S. B. Pine Bluff, June, July, 1914, J. D. I.
Ladona deplanata Rambur. Raleigh, April 21, 1916.
Libellula auripennis Burm. Cape Hatteras, July, August, 1909.
Libellula axillena Westwood. Raleigh, August 4, 1908, July 16,
26, 1917; Wakefield, July 1, 1908, C. S. B. Southern Pines,
August 11, 1909, A. H. M.
Libellula flavida Rambur. Fuquay Springs, June 20, 1911, two;
Pine Bluff, three in June and July, 1914, J. D. I.
Libellula pulchella Drury. Sunburst, late May, 1913, C. S. B.
Libellula semifasciata Burm. Sunburst, late May, 1913, at 4000
feet elevation, C. S. B.
Libellula vibrans Fabr. Southern Pines, June 23, 1909, A. H. M.
Nannothemis bella Uhler. Southern Pines, June 23, 1909, abun-
dant. Pine Bluff, twenty-six in June and July, 1914, J. D. I.
**Pantala hymenaea* Say. Raleigh, August 11, 1915, one female.

These records are based on my own collecting, on collecting done by Mr. F. Sherman, Entomologist to the State Department of Agriculture, and his assistants, on specimens received from Mr. A. H. Manee, of Southern Pines, and on collections made by Professor J. D. Ives, formerly of Wake Forest College, at Pine Bluff, Moore County, in June and July, 1914.

The total number of forms of Odonata which I now have on record from North Carolina is 104, of which 36 are Zygoptera, and the remaining 68 Anisoptera.

A New Species of *Johannsenomyia* (Ceratopogonidae, Diptera).

By J. R. MALLOCH, Urbana, Illinois.

In describing the present species I take the opportunity to correct an error in my synopsis of this genus.*

The species *stigmalis* Coquillett should be placed among those with unspined fifth tarsal joint, and should run down to section 7 in the key. The characters cited under the first subsection of 12 should be transferred to 7 as an additional subsection:

* Bull. Ill. State Lab. Nat. Hist., vol. X, art. 6, p. 332 (1915).

To include the present species, Section 12 should be changed to read as follows:

12. Tarsal claws exceedingly long, those of each hind pair very unequal, the inner about 4 times as long as the outer,

.....**annulicornis** n. sp.

.....Tarsal claws short, subequal on all legs.....13

Johannsenomyia annulicornis sp. n.

♀. Black, slightly shining. Back of head and vertex brown, remainder of head and its appendages yellow, apices of the short flagellar joints, and all of the long joints except the bases of the first two fuscous. Thorax, except prothorax, and abdomen black. Legs yellow, mid and hind coxae, hind femora except bases, hind tibia on basal half, the extreme apices of basal four joints and all of apical joints on all legs fuscous. Wings clear, region of cross-vein infuscated. Halteres dark brown.

Antennae very slender, longer than head and thorax combined. Thorax densely short-haired; mesopleurae with similar short hairs on the greater portion of its surface. Legs very long, fore and hind femora thickened apically; tibiae not setulose; basal joint of hind tarsi but little shorter than hind tibiae; apical tarsal joint on all legs with a double series of long bristles on basal half; claws each with a short tooth at base, inner claw on hind tarsi about four times as long as outer. Third vein ending about one-eighth from apex of wing, first at about one-fifth of distance from cross-vein to apex of third; media and cubitus forking before cross-vein. Length, 4 mm.

Type. ♀, Illinois State Laboratory of Natural History.

Type locality, Lake Villa, Illinois, July 21, 1916 (C. A. Hart).

A New Species of *Macrosiphum* (Aphididae, Hom.).

H. F. WILSON, University of Wisconsin, Madison, Wisconsin.

This insect occurs commonly on the leaves of *Rhododendron californicum* Hook. along the coast region of Oregon. The description was made from specimens collected at New Port, Oregon, June 15, 1915. Apterous, alate and pupal forms were present in great numbers.

Types mounted in balsam on slides, in my collection.

Macrosiphum rhododendri, n. sp.

Apterous viviparous female. General color pale green, a few pinkish forms were also taken. The distal end of the fifth and the entire